

Product Datasheet

Parvalbumin Antibody (CL15072) - Azide and BSA Free NBP3-44165

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-44165

Parvalbumin Antibody (CL15072) - Azide and BSA Free

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL15072
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description

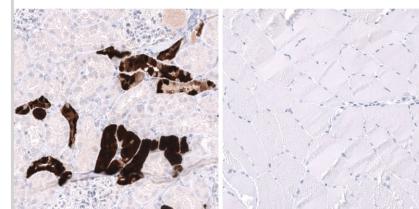
Host	Mouse
Gene ID	5816
Gene Symbol	PVALB
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of P20472, with the exact immunogen sequence remaining proprietary.

Product Application Details

Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:10000-1:20000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

Analysis in human kidney and skeletal muscle tissues using NBP3-44165 antibody. Corresponding Parvalbumin RNA-seq data are presented for the same tissues.

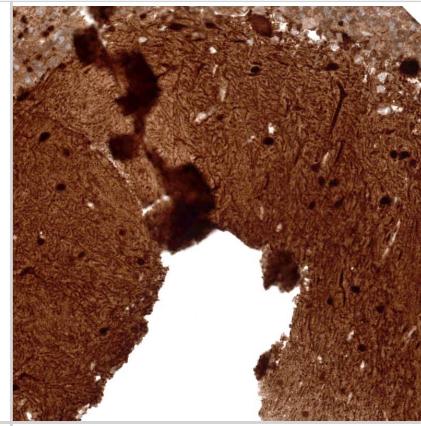


PVALB in Kidney

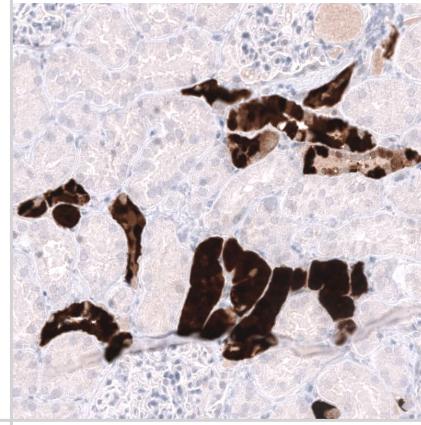
PVALB in Skeletal muscle



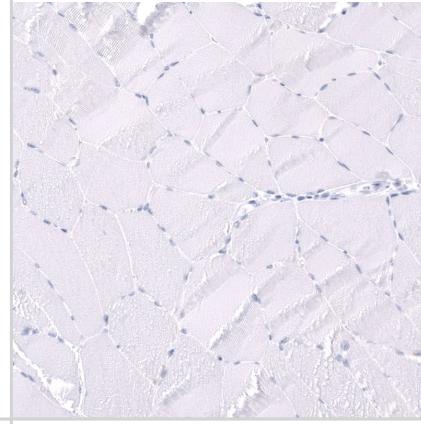
Staining of human cerebellum shows strong cytoplasmic positivity in Purkinje cells.



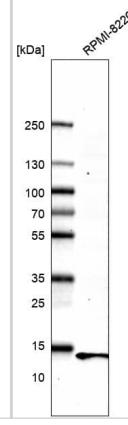
Staining of human kidney shows strong cytoplasmic positivity in cells in tubules.



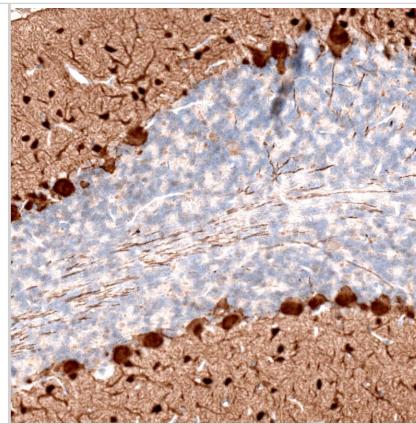
Staining of human skeletal muscle shows no positivity in myocytes as expected.



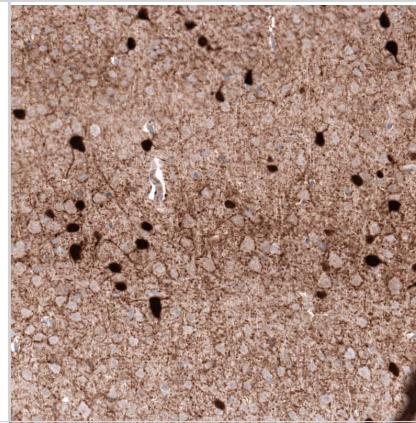
Analysis in human cell line RPMI-8226.



Staining of rat cerebellum shows strong cytoplasmic positivity in Purkinje cells as well as in cells in the molecular layer.



Staining of mouse cerebral cortex shows strong cytoplasmic positivity in a subset of neurons.





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Products Related to NBP3-44165

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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